

```
seq documentation block:
; Sequence 25, Application PC/TUS9200287
; GENERAL INFORMATION:
; APPLICANT: OWENS, IDA S.
; APPLICANT: RITTER, JOSEPH K.
```

;; TITLE OF INVENTION: THE GENETIC LOCUS UGT1 AND A MUTATION
;; NUMBER OF INVENTION: THEREIN.
;; NUMBER OF SEQUENCES: 40
;; CORRESPONDENCE ADDRESSES:
;; ADDRESSEE: CUSHMAN DARBY & CUSHMAN
;; STREET: 1615 L STREET, N.W.
;; CITY: WASHINGTON
;; STATE: D.C.
;; COUNTRY: U.S.A.
;; ZIP: 20036-5601
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patentin Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: PCT/US92/00282
;; FILING DATE: 19920110
;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:
;; NAME: SCOTT, WATSON T.
;; REGISTRATION NUMBER: 26581
;; REFERENCE/DOCKET NUMBER: 91532-PCT
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 202-861-3000
;; TELEFAX: 202-822-0944
;; TELEX: 6714627 CUSH
;; INFORMATION FOR SEQ ID NO: 25:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 1561 base pairs
;; TYPE: NUCLEIC ACID
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: CDNA
;; PCT-US92-00282-25

alignment_scores:
Quality: 9.00 Length: 9
Ratio: 1.000 Gaps: 0
Percent Similarity: 100.000 Percent Identity: 100.000

alignment_block:
US-09-784-340-2 x PCT-US92-00282-25 ..
Align seg 1/1 to: PCT-US92-00282-25 from: 1 to: 1561

463 GIuphevalmetarghislysglyala 471
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353 GAGTTTGATGATGAGCACAGGCGCG 379

seq_name: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:PCT-US92-00282-1

seq_documentation_block:
;; Sequence 1, Application PC/TUS9200282
;; GENERAL INFORMATION:
;; APPLICANT: OMENS, IDA S.
;; APPLICANT: RITTER, JOSEPH K.
;; TITLE OF INVENTION: THE GENETIC LOCUS UGT1 AND A MUTATION
;; NUMBER OF SEQUENCES: 40
;; CORRESPONDENCE ADDRESSES:
;; ADDRESSEE: CUSHMAN DARBY & CUSHMAN
;; STREET: 1615 L STREET, N.W.
;; CITY: WASHINGTON
;; STATE: D.C.
;; COUNTRY: U.S.A.
;; ZIP: 20036-5601
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patentin Release #1.0, Version #1.25

;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: PCT/US92/00282
;; FILING DATE: 19920110
;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:
;; NAME: SCOTT, WATSON T.
;; REGISTRATION NUMBER: 26581
;; REFERENCE/DOCKET NUMBER: 91532-PCT
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 202-861-3000
;; TELEFAX: 202-822-0944
;; TELEX: 6714627 CUSH
;; INFORMATION FOR SEQ ID NO: 1:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 2336 base pairs
;; TYPE: NUCLEIC ACID
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: CDNA
;; PCT-US92-00282-1

alignment_scores:
Quality: 9.00 Length: 9
Ratio: 1.000 Gaps: 0
Percent Similarity: 100.000 Percent Identity: 100.000

alignment_block:
US-09-784-340-2 x PCT-US92-00282-1 ..
Align seg 1/1 to: PCT-US92-00282-1 from: 1 to: 2336

301 GIyllevalpheserleuclyser 309
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901 GGAATTTGCTTTCTCTTGGGATCA 927

seq_name: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:PCT-US92-00282-2

seq_documentation_block:
;; Sequence 2, Application PC/TUS9200282
;; GENERAL INFORMATION:
;; APPLICANT: OMENS, IDA S.
;; APPLICANT: RITTER, JOSEPH K.
;; TITLE OF INVENTION: THE GENETIC LOCUS UGT1 AND A MUTATION
;; NUMBER OF SEQUENCES: 40
;; CORRESPONDENCE ADDRESSES:
;; ADDRESSEE: CUSHMAN DARBY & CUSHMAN
;; STREET: 1615 L STREET, N.W.
;; CITY: WASHINGTON
;; STATE: D.C.
;; COUNTRY: U.S.A.
;; ZIP: 20036-5601
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patentin Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: PCT/US92/00282
;; FILING DATE: 19920110
;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:
;; NAME: SCOTT, WATSON T.
;; REGISTRATION NUMBER: 26581
;; REFERENCE/DOCKET NUMBER: 91532-PCT
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 202-861-3000
;; TELEFAX: 6714627 CUSH
;; INFORMATION FOR SEQ ID NO: 2:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 2336 base pairs

TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
PCT-US92-00282-2

alignment_scores:
Quality: 9.00 Length: 9
Ratio: 1.000 Gaps: 0
Percent Similarity: 100.000 Percent Identity: 100.000

alignment_block:
US-09-784-340-2 x PCT-US92-00282-2 ..

Align seg 1/1 to: PCT-US92-00282-2 from: 1 to: 2339

301 GlytIleValIAlpheSerLeugIlySer 309
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904 GGAATTGGTTCCTCTTGGGATCA 930

seq_name: /cgn2_6/ptodata/2/lna/5A_COMB.seq:US-08-162-809-1

seq_documentation_block:
Sequence 1, Application US/08162809
Patent No. 5457048
GENERAL INFORMATION:
APPLICANT: Pasquale, Elena B.
TITLE OF INVENTION: NOVEL EPH-RELATED TYROSINE KINASES,
TITLE OF INVENTION: NOVEL EPH-RELATED TYROSINE KINASES,
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: CAMPBELL AND FLORES
STREET: 4370 La Jolla Village Drive, Suite 700,
CITY: San Diego
STATE: California
COUNTRY: United States of America
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/162,809
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-LJ 9503
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 3133 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
FEATURE:
NAME/KEY: CDS
LOCATION: join(3..419, 421..2858)
US-08-162-809-1

alignment_scores:
Quality: 8.00 Length: 8
Ratio: 1.000 Gaps: 0
Percent Similarity: 100.000 Percent Identity: 100.000
alignment_block:

US-09-784-340-2 x US-08-162-809-1 ..
Align seg 1/1 to: US-08-162-809-1 from: 1 to: 3133

418 MetThrSerGluAspLeuLeuArg 425
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2740 ATGACATCTGAGACCTCTGAGA 2763

seq_name: /cgn2_6/ptodata/2/lna/5A_COMB.seq:US-08-299-953-2

seq_documentation_block:
Sequence 2, Application US/08299953
Patent No. 5646333
GENERAL INFORMATION:
APPLICANT: Dobres, Michael S. and Mandaci, Sevnur
TITLE OF INVENTION: A Plant Promoter Useful for Directing the
TITLE OF INVENTION: Expression of Foreign Proteins to the Plant Epidermis
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5646333r1s
STREET: One Liberty Place 46th. Floor
CITY: Philadelphia
STATE: PA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/299,953
FILING DATE: Herewith
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Beardell, Lori Y.
REGISTRATION NUMBER: 34,293
REFERENCE/DOCKET NUMBER: NOVA-0003
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-564-8960
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 3881 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-299-953-2

alignment_scores:
Quality: 8.00 Length: 8
Ratio: 1.000 Gaps: 0
Percent Similarity: 100.000 Percent Identity: 100.000

alignment_block:
US-09-784-340-2 x US-08-299-953-2 ..

Align seg 1/1 to: US-08-299-953-2 from: 1 to: 3881

7 AlaIleValPheLeuLeuLeuGln 14
|||||
3532 GCGTGGTTTCTCTGCTACTTCAA 3555

seq_name: /cgn2_6/ptodata/2/lna/5A_COMB.seq:US-08-459-415-2
seq_documentation_block:
Sequence 2, Application US/08459415
Patent No. 5744334
GENERAL INFORMATION:
APPLICANT: Dobres, Michael S. and Mandaci, Sevnur

TITLE OF INVENTION: A Plant Promoter Useful for Directing the
TITLE OF INVENTION: Expression of Foreign Proteins to the Plant Epidermis
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 574434rls
STREET: One Liberty Place 46th. Floor
CITY: Philadelphia
STATE: PA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/459,415
FILING DATE: 02-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/299,953
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Beardell, Lori Y.
REGISTRATION NUMBER: 34,293
REFERENCE/DOCKET NUMBER: NOVA-0003
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-564-8960
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 3881 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-459-415-2

alignment_scores:
Quality: 8.00 Length: 8
Ratio: 1.000 Gaps: 0
Percent Similarity: 100.000 Percent Identity: 100.000

alignment_block:

US-09-784-340-2 x US-08-459-415-2 ..

Align seg 1/1 to: US-08-459-415-2 from: 1 to: 3881

7 AlaleuValpHeuleuLeuGl n 14

|||||GGTTGTTTCTGCTACTTCAA 3555

seq_name: /cgn2_6/ptodata/2/lna/PCTUS_COMB.seq:PCT-US95-11231-2

seq_documentation_block:

Sequence 2, Application PC/TUS9511231

GENERAL INFORMATION:

APPLICANT: Dobres, Michael S. and Mandaci, Sevnu

TITLE OF INVENTION: A Plant Promoter Useful for Directing the Expression

NUMBER OF SEQUENCES: 4

CORRESPONDENCE ADDRESS:

ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris

STREET: One Liberty Place 46th. Floor

CITY: Philadelphia

STATE: PA

ZIP: 19103

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/11231
FILING DATE: Herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/299,953
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Beardell, Lori Y.
REGISTRATION NUMBER: 34,293
REFERENCE/DOCKET NUMBER: NOVA-0016
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-564-8960
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 3881 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
PCT-US95-11231-2

alignment_scores:
Quality: 8.00 Length: 8
Ratio: 1.000 Gaps: 0
Percent Similarity: 100.000 Percent Identity: 100.000

alignment_block:

US-09-784-340-2 x PCT-US95-11231-2 ..

Align seg 1/1 to: PCT-US95-11231-2 from: 1 to: 3881

7 AlaleuValpHeuleuLeuGl n 14

|||||GGTTGTTTCTGCTACTTCAA 3555

seq_name: /cgn2_6/ptodata/2/lna/PCTUS_COMB.seq:PCT-US92-00282-37

seq_documentation_block:

Sequence 37, Application PC/TUS9200282

GENERAL INFORMATION:

APPLICANT: OMENS, IDA S.

TITLE OF INVENTION: THE GENETIC LOCUS UGTL AND A MUTATION

NUMBER OF SEQUENCES: 40

CORRESPONDENCE ADDRESS:

ADDRESSEE: CUSHMAN DARBY & CUSHMAN

STREET: 1615 L STREET, N.W.

CITY: WASHINGTON

STATE: D.C.

COUNTRY: U.S.A.

ZIP: 20036-5601

COMPUTER READABLE FORM:

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US92/00282

FILING DATE: 19920110

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: SCOTT, WATSON T.

REGISTRATION NUMBER: 26581

REFERENCE/DOCKET NUMBER: 91532-PCT

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-861-3000

TELEFAX: 202-822-0944
TELE: 6714627 CUSH
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 51 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
PCT-US92-00282-37

alignment_scores:
Quality: 7.00 Length: 7
Ratio: 1.000 Gaps: 0
Percent Similarity: 100.000 Percent Identity: 100.000

alignment_block:
US-09-784-340-2 x PCT-US92-00282-37 ..

Align seg 1/1 to: PCT-US92-00282-37 from: 1 to: 51

479 Hisaspieuthrttrpneqln 485
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1 CACGACCTCAGCTGTCAG 21

seq_name: /cgn2_6/ptodata/2/ina/backfile1.seq:5182195-6

seq_documentation_block:
Patent No. 5182195
APPLICANT: NAKAHAMA, KAZUO; KAISHO, YOSHIHIKO; YOSHIMURA, KOJI
TITLE OF INVENTION: METHOD FOR INCREASING USING PROTEASE
DEFICIENT YEASTS
NUMBER OF SEQUENCES: 71
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/269,140
FILING DATE: 09-NOV-1988
SEQ ID NO: 6:
LENGTH: 78
5182195-6

alignment_scores:
Quality: 7.00 Length: 7
Ratio: 1.000 Gaps: 0
Percent Similarity: 100.000 Percent Identity: 100.000

alignment_block:
US-09-784-340-2 x 5182195-6 ..

Align seg 1/1 to: 5182195-6 from: 1 to: 78

87 Asnglillephevalaspleu 93
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15 AATGAGATCTTGTGATCTT 35

seq_name: /cgn2_6/ptodata/2/ina/5A_COMB.seq:US-08-202-186-33

seq_documentation_block:
Sequence 33, Application US/08202186
Patent No. 5756708
GENERAL INFORMATION:
APPLICANT: KARAN, Mirko
APPLICANT: BURNS, Thomas M.
APPLICANT: DALE, James V.
APPLICANT: HARDING, Robert M.
TITLE OF INVENTION: DNA Sequences of Banana Bunchy Top Virus
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W.
CITY: Washington, D.C.
COUNTRY: USA

ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/202,186
FILING DATE: 24-FEB-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: JEFFERY, Donald D.
REGISTRATION NUMBER: 19,980
REFERENCE/DOCKET NUMBER: 71611/102 FIRE
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202 672 5300
TELEFAX: 202 672 5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 90 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-202-186-33

alignment_scores:
Quality: 7.00 Length: 7
Ratio: 1.000 Gaps: 0
Percent Similarity: 100.000 Percent Identity: 100.000

alignment_block:
US-09-784-340-2 x US-08-202-186-33 ..

Align seg 1/1 to: US-08-202-186-33 from: 1 to: 90

2 Argserasplysseralaleu 8
|||||
14 CGTCCGACAAAGCGCACTA 34

seq_name: /cgn2_6/ptodata/2/ina/5A_COMB.seq:US-08-629-939-4

seq_documentation_block:
Sequence 4, Application US/08629939
Patent No. 5645995
GENERAL INFORMATION:
APPLICANT: Kieback, Dirk G.
TITLE OF INVENTION: METHODS FOR DIAGNOSING AN INCREASED
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: SUGHRUE, MILO, ZINN, MACPEAK & SEAS
STREET: 2100 Pennsylvania Avenue, N.W., Suite 800
CITY: Washington, D.C.
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20037

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/629,939
FILING DATE: 12-APRIL-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: KITT, Gordon
REGISTRATION NUMBER: 30,764
REFERENCE/DOCKET NUMBER: A-6612
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 293-7060

TELERAX: (202) 293-7860
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 149 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
US-08-629-939-4

alignment_scores:
Quality: 7.00 Length: 7
Ratio: 1.000 Gaps: 0
Percent Similarity: 100.000 Percent Identity: 100.000

alignment_block:
US-09-784-340-2 x US-08-629-939-4/rev ..

Align seg 1/1 to reverse of: US-08-629-939-4 from: 1 to: 149

508 LysCysPheLeuPheSerCys 514
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118 AAATGTTTCTGTCATCATGT 98

seq_name: /cgn2_6/ptodata/2/lna/5A.COMB.seq:US-08-759-873-4

seq_documentation_block:
; Sequence 4, Application US/08759873
; Patent No. 5683885

GENERAL INFORMATION:
; APPLICANT: Kieback, Dirk G.
; TITLE OF INVENTION: METHODS FOR DIAGNOSING AN INCREASED RISK
; TITLE OF INVENTION: OF BREAST OR OVARIAN CANCER
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SUCHRUE, MITON, ZINN, MACPEAK & SEAS
; STREET: 2100 Pennsylvania Avenue, N.W., Suite 800
; CITY: Washington, D.C.
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20037

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/759,873
; FILING DATE: 12-APRIL-1996
; CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
; NAME: Kitz, Gordon
; REGISTRATION NUMBER: 30,764
; REFERENCE/DOCKET NUMBER: A-6612
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 293-7860
; TELEFAX: (202) 293-7860
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 149 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
US-08-759-873-4

alignment_scores:
Quality: 7.00 Length: 7
Ratio: 1.000 Gaps: 0

Percent Similarity: 100.000 Percent Identity: 100.000

alignment_block:
US-09-784-340-2 x US-08-759-873-4/rev ..

Align seg 1/1 to reverse of: US-08-759-873-4 from: 1 to: 149

508 LysCysPheLeuPheSerCys 514
|||||
118 AAATGTTTCTGTCATCATGT 98

seq_name: /cgn2_6/ptodata/2/lna/6B.COMB.seq:US-09-060-756-269

seq_documentation_block:
; Sequence 269, Application US/09060756
; Patent No. 6183957
; GENERAL INFORMATION:
; APPLICANT: Cole, Stewart
; APPLICANT: Buchrieser-Brosch, Roland
; APPLICANT: Gordon, Stephen

APPLICANT: Billault, Alain
; TITLE OF INVENTION: METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INTEREST FROM
; TITLE OF INVENTION: THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED DNA
; FILE REFERENCE: 3495-0169
; CURRENT APPLICATION NUMBER: US/09/060,756
; CURRENT FILING DATE: 1998-04-16
; NUMBER OF SEQ ID NOS: 743
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 269
; LENGTH: 216
; TYPE: DNA
; ORGANISM: Mycobacterium tuberculosis
US-09-060-756-269

alignment_scores:
Quality: 7.00 Length: 7
Ratio: 1.000 Gaps: 0
Percent Similarity: 100.000 Percent Identity: 100.000

alignment_block:
US-09-784-340-2 x US-09-060-756-269 ..

Align seg 1/1 to: US-09-060-756-269 from: 1 to: 216

342 ProSerThrLeuGlyAlaAsn 348
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182 CCATCGACATTTGGGCGCAAC 202

seq_name: /cgn2_6/ptodata/2/lna/6B.COMB.seq:US-09-060-756-541

seq_documentation_block:
; Sequence 541, Application US/09060756
; Patent No. 6183957
; GENERAL INFORMATION:
; APPLICANT: Cole, Stewart
; APPLICANT: Buchrieser-Brosch, Roland
; APPLICANT: Gordon, Stephen

APPLICANT: Billault, Alain
; TITLE OF INVENTION: METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INTEREST FROM
; TITLE OF INVENTION: THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED DNA
; FILE REFERENCE: 3495-0169
; CURRENT APPLICATION NUMBER: US/09/060,756
; CURRENT FILING DATE: 1998-04-16
; NUMBER OF SEQ ID NOS: 743
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 541
; LENGTH: 307
; TYPE: DNA
; ORGANISM: Mycobacterium tuberculosis
; FEATURE:

alignment_scores:
Quality: 7.00 Length: 7
Ratio: 1.000 Gaps: 0

; NAME/KEY: unsure
; LOCATION: (various positions within the sequence)
; OTHER INFORMATION: applicants are uncertain of bases designated as "n"
US-09-060-756-541

alignment_scores:
Quality: 7.00
Ratio: 1.000
Percent Similarity: 100.000
Length: 7
Gaps: 0
Percent Identity: 100.000

alignment_block:

US-09-784-340-2 x US-09-060-756-541 ..

Align seg 1/1 to: US-09-060-756-541 from: 1 to: 307

342 ProseThrlleUGlyAlaAsn 348
|||||
222 CCATGACATTGGGGCGAAC 242

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